

Recombinant Human PARP1 protein(324-541aa), His-GST-tagged

Cat. No. PARP1-5332H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARP1 protein(P09874)(324-541aa), fused with N-terminal His and GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	324-541aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	55.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

KTQTPNRKEWVTPKEFREISYLKKLKVKKQDRIFPPETSASVAATPPPSTASAPAAV
 NSSASADKPLSNMKILTLGKLSRNKDEVKAMIEKLGKLTGTANKASLCISTKKEVEK
 MNKKMEEVKEANIRVVSEDFLQDVSASTKSLQELFLAHILSPWGAEVKAEPVEVVAP
 RGKSGAALSKKSKGQVKEEGINKSEKRMKLTGGAAVDPDSGLEH

GENE INFORMATION

Gene Name [PARP1 poly \(ADP-ribose\) polymerase 1 \[Homo sapiens \]](#)

Official Symbol [PARP1](#)

Synonyms

PARP1; poly (ADP-ribose) polymerase 1; ADP ribosyltransferase (NAD⁺; poly (ADP ribose) polymerase) , ADPRT, poly (ADP ribose) polymerase family, member 1 , PPOL; poly [ADP-ribose] polymerase 1; PARP; poly(ADP-ribose) polymerase; poly(ADP-ribose) synthetase; poly[ADP-ribose] synthase 1; poly(ADP-ribosyl)transferase; ADP-ribosyltransferase NAD(+); NAD(+) ADP-ribosyltransferase 1; poly (ADP-ribose) polymerase family, member 1; ADP-ribosyltransferase (NAD⁺; poly (ADP-ribose) polymerase); PPOL; ADPRT; ADPRT1; PARP-1; ADPRT 1; pADPRT-1;

Gene ID [142](#)

mRNA Refseq [NM_001618](#)

Protein Refseq [NP_001609](#)

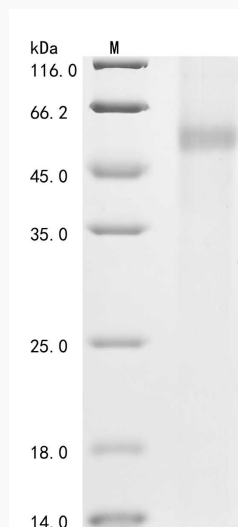
MIM [173870](#)

UniProt ID [P09874](#)

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SDS-PAGE

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